

## WEST Search History

DATE: Monday, June 21, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L10	('6408266' '4679951' '5164900' '5212638' '4565459' '5787230' '5615296' '6067520' '5903861' '6292768')!.PN,TBAN,WKU.	10
<input type="checkbox"/>	L9	L8 and pinyin	21
<input type="checkbox"/>	L8	translat\$6 and chinese and context	7823
<input type="checkbox"/>	L7	L6 and phonet\$6	3
<input type="checkbox"/>	L6	L5 and context	10
<input type="checkbox"/>	L5	L1 and translat\$5 and chinese	18
<input type="checkbox"/>	L4	L1 and pinyin	3
<input type="checkbox"/>	L3	L2 and pinyin	3
<input type="checkbox"/>	L2	L1 and chinese	22
		(6292768 5822720 5963892 6119078 6408266 5369574 6385568 5587903 5812863 5178542 6341958 5885081 5485372 5537317 5799269 5903861 5895446 5900005 5678053 5819303 5634134 5010486 5528491 6035268 4787038 5615301 5285386 5615296 5477448 5521816 5535121 5845306 6092035 6075469 6119079 5200893 5787230 6067520 6278968 6282507 6356865 5453014 5487670 5884248 6154720 5497319 5535120 5737617 4969194 6085206).pn.	50

END OF SEARCH HISTORY

09556229\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09556229 on June 02, 2004

Original Classifications

11	704/9
7	704/2
6	704/3
4	704/1
2	434/157
2	704/8
2	715/531
2	715/533
2	715/536

Cross-Reference Classifications

7	704/2
4	704/10
4	704/277
4	704/3
4	704/9
4	715/532
3	345/171
3	715/531
3	715/535
3	715/536
2	345/856
2	434/157
2	704/257
2	704/260
2	704/270
2	704/271
2	704/4
2	704/5
2	704/8
2	715/540

Combined Classifications

15	704/9
14	704/2
10	704/3
5	704/277
5	715/531
5	715/532
5	715/536
4	434/157
4	704/1
4	704/10

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4 704/8  
3 345/171  
3 704/270  
3 704/5  
3 715/533  
3 715/535  
2 345/856  
2 434/171  
2 704/235  
2 704/257  
2 704/260  
2 704/271  
2 704/4  
2 715/540

09556229\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09556229 on June 02, 2004

15	704/9	(11 OR, 4 XR)
	Class	704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/1	LINGUISTICS
	704/9	.Natural language
14	704/2	(7 OR, 7 XR)
	Class	704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/1	LINGUISTICS
	704/2	.Translation machine
10	704/3	(6 OR, 4 XR)
	Class	704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/1	LINGUISTICS
	704/2	.Translation machine
	704/3	..Having particular Input/Output device
5	704/277	(1 OR, 4 XR)
	Class	704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/270	.Application
	704/277	..Translation
5	715/531	(2 OR, 3 XR)
	Class	715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
	715/530	EDIT, COMPOSITION, OR STORAGE CONTROL
	715/531	.Text
5	715/532	(1 OR, 4 XR)
	Class	715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT

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715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
 715/531 .Text  
 715/532 ..Dictionary

5 715/536 (2 OR, 3 XR)

Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
 DOCUMENT

715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
 715/531 .Text  
 715/536 ..Multilingual

4 434/157 (2 OR, 2 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/156 LANGUAGE  
 434/157 .Foreign

4 704/1 (4 OR, 0 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/1 LINGUISTICS

4 704/10 (0 OR, 4 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/1 LINGUISTICS  
 704/10 .Dictionary building, modification, or  
 prioritization

4 704/8 (2 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/1 LINGUISTICS  
 704/8 .Multilingual or national language support

3 345/171 (0 OR, 3 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS  
 345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
 345/168 .Including keyboard  
 345/171 ..Having foreign language capability (e.g.,

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Japanese, Chinese)

3 704/270 (1 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application

3 704/5 (1 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/1 LINGUISTICS  
704/2 .Translation machine  
704/5 ..For partial translation

3 715/533 (2 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
715/531 .Text  
715/533 ..Spell Check

3 715/535 (0 OR, 3 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
715/531 .Text  
715/535 ..Ideographic generator

2 345/856 (0 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY  
SYSTEMS  
345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
INTERFACE)  
345/764 .On-screen workspace or object  
345/856 ..Cursor

2 434/171 (1 OR, 1 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
LANGUAGE  
434/156  
434/167 .Spelling, phonics, word recognition, or  
sentence formation

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434/171           ..Letter or word bearing elements (e.g., cards  
 ,  
                   blocks, etc.) with interfitting surface con  
 figurations

2   704/235           (1 OR, 1 XR)

Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
                   LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

## COMPRESSION/DECOMPRESSION

704/200           SPEECH SIGNAL PROCESSING

704/231           .Recognition

704/235           ..Speech to image

2   704/257           (0 OR, 2 XR)

Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
                   LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

## COMPRESSION/DECOMPRESSION

704/200           SPEECH SIGNAL PROCESSING

704/231           .Recognition

704/251           ..Word recognition

704/255           ...Specialized models

704/257           ....Natural language

2   704/260           (0 OR, 2 XR)

Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
                   LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

## COMPRESSION/DECOMPRESSION

704/200           SPEECH SIGNAL PROCESSING

704/258           .Synthesis

704/260           ..Image to speech

2   704/271           (0 OR, 2 XR)

Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
                   LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

## COMPRESSION/DECOMPRESSION

704/200           SPEECH SIGNAL PROCESSING

704/270           .Application

704/271           ..Handicap aid

2   704/4            (0 OR, 2 XR)

Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
                   LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

## COMPRESSION/DECOMPRESSION

		09556229_CLSTITLES
704/1		LINGUISTICS
704/2		.Translation machine
704/4		..Based on phrase, clause, or idiom
2	715/540	(0 OR, 2 XR)
	Class	715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
	715/530	EDIT, COMPOSITION, OR STORAGE CONTROL
	715/540	.Replacement of element



**Search Results - Record(s) 1 through 10 of 10 returned.**

L10: Entry 1 of 10

File: USPT

Jun 18, 2002

US-PAT-NO: 6408266

DOCUMENT-IDENTIFIER: US 6408266 B1

TITLE: Didactic and content oriented word processing method with incrementally changed belief system

DATE-ISSUED: June 18, 2002

US-CL-CURRENT: 704/1; 715/531INT-CL: [07] G06 F 17/20

L10: Entry 2 of 10

File: USPT

Sep 18, 2001

US-PAT-NO: 6292768

DOCUMENT-IDENTIFIER: US 6292768 B1

TITLE: Method for converting non-phonetic characters into surrogate words for inputting into a computer

DATE-ISSUED: September 18, 2001

US-CL-CURRENT: 704/1; 715/535INT-CL: [07] G06 F 17/20, G06 F 15/38

L10: Entry 3 of 10

File: USPT

May 23, 2000

US-PAT-NO: 6067520

DOCUMENT-IDENTIFIER: US 6067520 A

TITLE: System and method of recognizing continuous mandarin speech utilizing chinese hidden markou models

DATE-ISSUED: May 23, 2000

US-CL-CURRENT: 704/270; 704/231, 704/233, 704/256INT-CL: [07] G10 L 5/06

L10: Entry 4 of 10

File: USPT

May 11, 1999

US-PAT-NO: 5903861

DOCUMENT-IDENTIFIER: US 5903861 A

TITLE: Method for specifically converting non-phonetic characters representing vocabulary in languages into surrogate words for inputting into a computer

DATE-ISSUED: May 11, 1999

US-CL-CURRENT: 704/9; 715/535

INT-CL: [06] G06 F 15/38

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L10: Entry 5 of 10

File: USPT

Jul 28, 1998

US-PAT-NO: 5787230

DOCUMENT-IDENTIFIER: US 5787230 A

TITLE: System and method of intelligent Mandarin speech input for Chinese computers

DATE-ISSUED: July 28, 1998

US-CL-CURRENT: 704/235; 704/255, 704/260, 704/270

INT-CL: [06] G10 L 9/06

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L10: Entry 6 of 10

File: USPT

Mar 25, 1997

US-PAT-NO: 5615296

DOCUMENT-IDENTIFIER: US 5615296 A

TITLE: Continuous speech recognition and voice response system and method to enable conversational dialogues with microprocessors

DATE-ISSUED: March 25, 1997

US-CL-CURRENT: 704/270.1; 704/222, 704/271, 704/272

INT-CL: [06] G10 L 3/02, G10 L 9/00, G10 L 3/00

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L10: Entry 7 of 10

File: USPT

May 18, 1993

US-PAT-NO: 5212638

DOCUMENT-IDENTIFIER: US 5212638 A

TITLE: Alphabetic keyboard arrangement for typing Mandarin Chinese phonetic data

DATE-ISSUED: May 18, 1993

US-CL-CURRENT: 715/535; 341/28, 400/484, 400/486, 400/489

INT-CL: [05] G06F 3/023

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L10: Entry 8 of 10

File: USPT

Nov 17, 1992

US-PAT-NO: 5164900

DOCUMENT-IDENTIFIER: US 5164900 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and device for phonetically encoding Chinese textual data for data processing entry

h e b b c g b e e

DATE-ISSUED: November 17, 1992

US-CL-CURRENT: 715/535; 704/200

INT-CL: [05] G06F 3/06

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L10: Entry 9 of 10

File: USPT

Jul 14, 1987

US-PAT-NO: 4679951

DOCUMENT-IDENTIFIER: US 4679951 A

TITLE: Electronic keyboard system and method for reproducing selected symbolic language characters

DATE-ISSUED: July 14, 1987

US-CL-CURRENT: 400/110; 345/168, 345/171, 400/484, 400/83

INT-CL: [04] B41J 5/08

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L10: Entry 10 of 10

File: USPT

Jan 21, 1986

US-PAT-NO: 4565459

DOCUMENT-IDENTIFIER: US 4565459 A

TITLE: Phonetic Chinese printing apparatus

DATE-ISSUED: January 21, 1986

US-CL-CURRENT: 400/110; 283/117, D18/25

INT-CL: [04] B41J 5/00

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